

The Commonwealth of Massachusetts



ANNUAL REPORT

OF THE

TRUSTEES

OF THE

GARDNER STATE COLONY

FOR THE

YEAR ENDING NOVEMBER 30, 1930

DEPARTMENT OF MENTAL DISEASES



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DEPARTMENT OF MENTAL DISEASES
GARDNER STATE COLONY
GARDNER, MASS.

GARDNER STATE COLONY

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TRUSTEES' REPORT

To His Excellency the Governor and the Honorable Council:

We have the honor to submit herewith the twenty-eighth Annual Report of the Board of Trustees of the Gardner State Colony.

During the year 1930 the Trustees have lost from amongst their number, by resignation, Thomas R. P. Gibb. Mr. Gibb has been a member of the Board since 1919. He was interested in the work and his counsel was wise. The growth of his business and personal affairs made it increasingly difficult for him of late to give the service to the Colony which every conscientious trustee must give. The Trustees regret the necessity for Mr. Gibb's resignation. In his place Governor Allen has appointed Professor Richard T. Fisher of Petersham.

The Trustees invite attention to the increasing usefulness of the institution not only as it grows in facilities and in the number of patients cared for but for its work beyond its own walls. The Out-Patient service of the doctors on our staff is increasingly useful.

Doctor Thompson's report shows that in the Child Guidance Clinic forty-eight patients have been studied in the two and a half months since its establishment.

He calls attention in his report to the necessity of adding to his staff for extra-mural work, if this is to grow. The medical staff of the hospital is only a small one and cannot take much of its time away from the care of our in-patients. This seems a very worthwhile way for the work of the institution to increase and probably the cheapest way for the community to have efficient service along these lines of out-patient examination of suspected mental disorder and the guidance of children.

Your Trustees have been impressed with the uniform kindness and sympathetic spirit to the patients which pervades the institution. The standard for such a spirit and feeling is set by the Superintendent.

During the year the second of the two buildings for disturbed patients was completed and put into operation. We now have one such building for men and one for women. This accomplishment has made a tremendous difference in the comfort of our patients. It has made it possible to take the more disturbed and noisy patients from the infirmary buildings. The patients left in these infirmary buildings are under much more satisfactory and restful conditions. The disturbed patients are where they can now receive proper treatment and care without distressing other patients.

A hospital building is now being erected. The completion of this building will mean another marked increase in the comfort and well-being of the patients.

Needs of the Hospital:

The Trustees call attention to the report of their Superintendent showing the needs in detail. They would emphasize

1. A new power house. The matter of a new coal trestle or a re-arrangement of coal delivery and storage has been discussed by the engineers of the Commonwealth and the officials of the Boston and Maine Railroad for several years. This subject is tied up with the obsolescence of our boilers, the inadequacy of our smoke stack, and the lack of reserve boiler capacity. It is the understanding of our Board that the engineers of the Commonwealth advocate an entirely new boiler house and a re-arrangement of facilities for the delivery and storage of coal.

2. Construction of a new cow-tie-up and barn for hay. Attention is again called to the fire risk under the present arrangement. The close connection of dairy, horse stable and cow barn is not an ideal one.

3. The Superintendent's house. The Trustees repeat what they said in the year 1925:

"The Trustees consider that a Superintendent's house is most important for the well-being of the State Colony. The Superintendent and his family are entitled to living quarters which will take him away from the strain of his daily association with patients and business. The high character of our hospitals for the insane can only be maintained by having at the head of them, men of capacity, humanity and professional skill. Such men can only be procured in the long run when they are given proper conditions under which to live and do their work."

4. Replacing of buildings of two Colonies, now in uncomfortable and inadequate old farm houses.

5. The construction of a new Colony group for thirty-five patients. Your Trustees feel that the Commonwealth made a long step forward when it adopted the principle of caring for such insane as were able to work on the land in Colony groups. It has been several years since a new group was added at this institution. There is now a definite need for clearing a considerable tract of land and farming it. This opportunity should receive careful consideration from those interested in the efficiency and economy of the care of insane in this Commonwealth.

The Trustees are in entire sympathy with the other recommendations also, in the report of their Superintendent, the reading of which is urgently recommended.

Respectfully submitted,

FREDERIC A. WASHBURN

THOMAS H. SHEA

OWEN A. HOBAN

GEORGE A. MARSHALL

GRACE NICHOLS

AMIE H. COES

RICHARD T. FISHER

SUPERINTENDENT'S REPORT

To the Board of Trustees of the Gardner State Colony:

I respectfully present herewith my annual report of the Gardner State Colony. This is for the year ending September 30, 1930 in matters relating to patients and for the year ending November 30, 1930 in matters relating to finance.

PATIENTS

There were on our books September 30, 1929, 691 men, 543 women, a total of 1,234 as follows: at the hospital 652 men, 459 women, a total of 1,111; away on visit 34 men, 14 women, total 48; on escape 13 men; in family care 12 men, 50 women, a total of 62. Three in family care are self supporting.

The daily average number actually under care was 668 men, 477 women, total 1,146.

At the close of the year September 30, 1930, the census was as follows: actually at the hospital 698 men, 492 women, total 1,190; in family care 9 men, 57 women, total 66; at home on visit 16 men, 27 women, total 43; on escape 15 men. The total number at the end of the year was 738 men, 576 women, total 1,314.

There were received during the year 81 women, 116 men, total 197. The forms of admission were as follows: voluntary 12; temporary care 14; observation 7; regularly committed 65; received by transfer 99.

The assigned form of mental disease in those admitted for the first time, 78 in number, were: senile psychosis, 7 or 8.97%; psychosis with cerebral arteriosclerosis, 13 or 16.67%; general paralysis, 1 or 1.28%; psychosis with other brain or nervous diseases, 3 or 3.85%; alcoholic psychosis, 9 or 11.54%; psychosis with other somatic diseases, 9 or 11.54%; manic depressive, 5 or 6.41%; involution melancholia, 1 or 1.28%; dementia praecox, 9 or 11.54%; paranoia or paranoid conditions, 1 or 1.28%; psychoneurosis and neurosis, 6 or 7.69%; psychosis with mental deficiency, 5 or 6.41%; without psychosis, 9 or 11.54%.

The assigned causes in the first 78 admissions were briefly: poor mental endowment, 8; worry and poor mental endowment, 14; arteriosclerosis, 12; neurological, 10; alcohol to excess, 10; syphilis, 3; physical illness and worry, 8; senile changes, 7; heredity, 1; unknown, 5.

Of those admitted for the first time to any hospital 28 or 35.90% were discharged within the year. Recovery in some cases is not particularly rapid so that discharge may not take place in the same year. Over the past five year period 143 or 35% of those admitted for the first time have been discharged as sufficiently improved so that hospital care was no longer necessary.

There have been 47 deaths. The death rate based on the total number cared for was 35%. This death rate may seem high but analysis of the ages at the time of death shows that 19 or 40% were 70 years of age or over while 8 or 17% were between 60 and 70 years of age. In those under 60 years of age 20 or 43% the chief causes of death in order of frequency were: endocarditis and myocarditis; cerebral hemorrhage and tuberculosis. The chief causes of death in 47 were: endomyocarditis; cerebral hemorrhage and tuberculosis.

OUT-PATIENT SERVICE

At this hospital this includes consultation by appointment, the public clinic, examination of backward children in the public schools, child guidance clinic and nursery school.

Thirty-two were seen in consultation: 14 seen at the clinic; 16 seen at home or in other hospitals; in 4 cases patients were not seen but their case was brought to the attention of our staff either by the family physician, social worker or other sources. Twenty of those seen were under 18 years of age.

At the Child Guidance Clinic 48 have been studied. This clinic, the first of several planned, was established in Fitchburg, July 11. It is, therefore, too early to state the probable value of this clinic but the fact that 48 children have been received for study in the eleven weeks since its establishment indicates that there is real need for such a clinic in this and other towns. This need can only be met by a suitable extra-mural staff. It is our hope that such an organized staff will be provided for in our 1931 appropriation. Naturally, the growing need for

special community work can be carried on only in a very limited way by our regular hospital staff.

Examination of retarded children in the public schools has been continued. This year 107 children were examined in 13 different towns and cities as follows: Ashby, 2; Athol, 22; Dana, 2; Erving, 7; Greenwich, 2; Gardner, 16; Leverett, 9; New Salem, 2; Orange, 12; Royalston, 2; Townsend, 14; Wendell, 3; Winchendon, 14. During the ten years since backward children have been examined, 1,168 examinations have been conducted in 27 different towns and cities.

Through the generosity of an anonymous donor and with the cooperation of the Superintendent of Schools of Fitchburg and the Principal of the Fitchburg State Normal School a Nursery School has been established in Fitchburg. Space has been provided for this in one of the public school buildings. A trained instructor and dietitian have been employed. There are ten children whose ages are from two to four years at present in the school. Students in training at the Fitchburg State Normal School will receive training here and it will also be used as a demonstration clinic for parents in connection with the Child Guidance Clinic conducted by us.

TREATMENT

Hydrotherapy. Hydrotherapeutic treatment has naturally been an important factor in the treatment of newly admitted cases and in those long continued cases that show depression or excitation.

Colonic Irrigation. Colonic irrigation treatment done here as an active treatment has proved so satisfactory and so encouraging in results that it has now become one of our most important forms of hydrotherapeutic treatment. Thus far the results are most encouraging, and in the acute cases which are frequently found to be dehydrated and who have been given improper care as to diet and bowel movement, it is very noticeable that with the giving of colonic irrigation the need of other hydrotherapeutic measures is markedly reduced especially the need of wet sheet envelopments. The equipment of the colonic irrigation room in the building opened this year has certainly justified itself and in the building now under construction the colonic irrigation room and equipment for the use of men will add materially to our facilities for treatment.

Personal Hygiene. The Personal Hygiene Department so favorably received when installed two years ago has continued its excellent work. It does much to increase the feeling of self respect and well being and the result is much personal comfort to the individual patient. There were 414 patients treated and 11,429 treatments given in this department during the year. Troublesome foot conditions have been attended to and 3,175 treatments have been given. These features all help to make this department well worth while.

Physical Therapy. Physical therapy treatments have been carried on actively as in the past and results have been very favorable. There were 798 patients treated; 6044 treatments given as follows: infrared, 1,887; Morse wave, 766; High frequency, 546; Ultra violet, air cooled, 1148; Ultra violet water cooled, 693; vibratory, 34; massage, 80; passive motion, 25; dressings and bandaging preparatory to and after treatment, 865.

One of the best forms of treatment of the moderately disturbed or the more chronic type has been again this year, as last, occupation at the canning department where from twenty to fifty have been occupied daily throughout the summer and fall months and has resulted in the canning of over 18,000 gallons of fruit and farm vegetables.

OCCUPATIONAL THERAPY

As in former years each patient coming before the staff is carefully considered, not only from the psychiatric point of view as to diagnosis, but the treatment is outlined in every case and prescribed by a physician who continues supervision of patients.

Not all patients are benefitted most by simpler and diversional occupation but may be interested more in some constructive work. Each case is studied and the proper occupational therapy prescribed.

INDUSTRIAL THERAPY

This Colony being founded with the primary idea of developing industry for the benefit of the patients and the colony as a whole, there are many articles made and it seems unwarranted to print a list, but such a list is available to those who may wish it. In general the industrial departments are:

Furniture Department. Here is made all furniture of the ordinary type used by the colony. There were made this year 441 pieces of furniture and 3,795 pieces have been repaired.

Shoe Department. Here all shoes are made and repaired. There were 851 pair of shoes and slippers made; 227 articles other than shoes have been made and 2,688 pair of shoes and slippers repaired. There were also 6,934 miscellaneous articles repaired in this department.

Tailoring Department. All articles of apparel worn have been made. For men and women 988 garments have been made and 3,659 repaired. The cutting of all garments is also done in this department but they are largely made by the women in the women's departments.

Textile Department. Here is made denim, gingham, khaki, linings, blankets, bedspreads, sheeting, shirting, toweling and underwear material. 20,562 yards of materials have been woven during the year. In this department also all brooms, brushes, mattresses and stockings are made.

Women's Industrial Department. All clothing is made here and 25,717 articles of clothing were made during the year. There were also 20,424 articles other than clothing, such as household materials, novelties, etc. There were 45,163 articles mended.

There is a close association with the occupational therapy department and this industrial department.

Printery. This department is under the supervision of the Department of Mental Diseases and does the printing for the sixteen hospitals under its supervision. The work of this department has increased to a point where a new building is now necessary and is under construction.

Canning. All fresh fruits and vegetables are canned and over 18,000 gallons were canned at the cannery this year and 5,085 gallons of fruits, vegetables and pickles together with 490 glasses of jelly were put up in glass at the various cottage kitchens. Beside the canned goods 11,000 pounds of soap was manufactured.

DENTAL

There have been under observation and treatment 3,209 patients; 2,206 received prophylatic treatment; 314 fillings of various types were done; 873 extractions under local and general anesthesia; minor surgical operations were required in 81 cases; 191 needed special treatment for various diseases of the mouth. In addition, was the usual plate work, post operative treatments, x-ray, etc.

GENERAL MEDICAL

There have been no changes in the medical staff during the year.

The general health of both patients and employees has been good with the usual illnesses occurring as in ordinary communities; one case of scarlet fever occurred and was removed to the Isolation Hospital with no other cases following. There have been no outbreaks of serious contagious diseases.

Miss Ethel A. Gleason held the position of Social Worker from April 28, 1930 to November 16, 1930. Mrs. Elizabeth J. Friberg was appointed to fill this vacancy on November 17, 1930.

A psychometrist and male hydrotherapist have been added and a physical instructor, male, was employed during the summer months.

Various members of the Staff have addressed meetings in the community upon request and there have been a number of such requests.

A series of meetings on "Better Mental Health" have been conducted by us but sponsored and financed by the Gardner Rotary Club and proved very worth while. Lectures were given with the assistance of the Massachusetts Society for Mental Hygiene and the Massachusetts Department of Education. The average attendance at all meetings was over 800 which means a very general awakening

to the need of a better understanding of self and a better community mental health.

Twenty-five persons whose work and interest in the community requires an understanding of the mental hygiene movement met here June 24.

Seventy persons attended the Central District Advisory Committee of the Massachusetts Mental Hygiene Society which met here May 22.

Forty-eight members of the class of the Lowell State Normal School met here November 7. A special meeting was arranged for them and a visit through the hospital.

On October 1, 1930 a training school for psychiatric nurses was established and Miss Mary A. Chisholm, R. N., was appointed principal of the school. All attendant nurses between the ages of eighteen and thirty-five are required to take this training.

DIVERSION

Motion pictures shown weekly during the winter months and dances have been enjoyed. Baseball games several times each week during the summer months provided outdoor diversion for a large number of patients. Out-of-door all day programs for July 4 and field day held September 17, were carried out as usual with all suitable patients attending. Picnics, walks, sleigh rides, etc., were especially enjoyed by the women patients.

RELATING TO FINANCE

There was expended for maintenance during the year \$442,691.63 which included \$11,005.06 for unusual repairs and renewals which is equal to a gross per capita cost of \$7.03 per week. The gross per capita cost for the previous year was \$7.02. The income for the year from all sources was \$46,131.08 which is equal to a net income weekly per capita of \$.73. The net per capita cost for the present year is \$6.30 compared with the previous year of \$6.29.

SPECIAL APPROPRIATIONS

For the construction of a building for printing an appropriation of \$10,000 was made available. This building has only at the end of the year been planned and construction begun. It should be completed by March 1.

There was appropriated \$150,000 for a hospital building to accommodate 85 patients. This building was begun under contract on May 26. It should be ready for occupancy March 1.

For an employees' cottage to house 12 employees there was appropriated \$12,000. Its construction has been carried on under our own supervision and it will be opened shortly after January first.

There was appropriated \$10,000 for two cottages for officers and these have been constructed under our own supervision and are nearly ready for occupancy.

For installation of a fire alarm system there was appropriated \$5,000. Installation has been largely completed so far as this part of the system was planned. Extension will follow.

There was appropriated \$10,000 for the construction of a cow barn. The plans for this are under way and construction should start in the early spring.

A building for semi-disturbed men for which an appropriation was made in 1929 was completed and opened July 7 for eighty-six patients.

REPAIRS NOT RECURRING ANNUALLY

Under repairs and renewals a part of the maintenance appropriation, \$11,000 was appropriated for the following:

1. Flour mixing equipment. A two barrel Day flour mixer has been installed in the bakery.
2. Renewing pipe from pond. Pipe has been purchased and received and is awaiting a suitable time to be laid.
3. Warren Duplex Boiler Pump. This has been purchased and installed.
4. Recording apparatus in boiler room. Two CO₂ recorders have been installed.
5. Union Compound Meter. This has been installed.
6. Lightning protection. Lightning arrestors have been installed at the dairy group. All buildings there are now protected.
7. Laundry equipment. An automatic press has been installed. A compressed air outfit for the laundry has been purchased and is awaiting installation.

8. Repairs to coal trestle. Ordinary repairs have been made but the extraordinary renewals required by the railroad company have not been made owing to the fact that study is being made of the re-location of the trestle.

9. Filter bed construction. Belcher to Hillcrest Cottages and filter bed construction at the Westminster Cottages. Money is available only for the purchase of material, and construction of filter beds must necessarily await a further appropriation.

10. Dairy equipment. A new and larger pasteurizer, a new milk cooler, together with the necessary pumps, can sterilizers, etc., have been purchased and installed.

11. Changing telephone cable. This money will not be expended as the Telephone Company is to install the cable without charge.

12. Vent and exhaust fan. This has been installed in the kitchen connected with the hood over the ranges and is operating in a very satisfactory manner.

GENERAL ANNUAL REPAIRS

All buildings have required the usual number of repairs during the year and repair work in general has been kept up properly. Many buildings have been painted inside and out. Plumbing and heating of buildings have required the usual amount of repair but are in good condition.

One of the most important repairs made during this and previous years has been the replacing of wood shingles on certain of our cottages with asbestos shingles. In the past three years fifteen buildings have been re-shingled with asbestos, ten of these being occupied by patients. At the present time there are only three buildings occupied by patients that should be reshingled, this coming where the danger of roof fires exists.

The approach from the office to the station has been re-built and much improved by the building of a cement sidewalk and planting of shrubbery.

Steel equipment has replaced wood in the Canteen.

The vacuum system of heating has been extended to include the Administration Building.

A cement bridge has been constructed over the brook at the Westminster Cottage Farm replacing an old wood structure which was difficult to keep in repair.

Improvements have been made in the Wachusett Cottage and the Valley House where old piazzas and sheds have been removed and repairs made.

Extension to the subway has been built between the Ash Cottage and the Locust Cottage constructed this year.

FARM, GARDEN, DAIRY AND LIVE STOCK

All agricultural activities have been very successful this year. In many parts of the New England States the continued dry weather was not conducive to good crops but here it was our good fortune to have just a sufficient amount of rain at the right time to give us a larger farm crop than ever before.

A. *General farm operations.* There were 161 acres under cultivation and 115 acres in hay crop. Of the 161 acres, 71 were in garden, 37 ensilage, 24 potatoes, 27 green feed, 2 turnips.

The total cost of all farm operations, including payroll and expenses, was \$49,553.03. The book value of all farm returns, including farm credits was \$86,104.66. The value of farm to institution was \$77,000. The actual cash profit of farm operations based on food raised for the institution was \$28,370.51.

The largest crop of any was 7,934 bushels of potatoes valued at \$8,374.53. This was a return of 350 bushels per acre. The garden crop was 693,032 lbs. valued at \$18,070.43.

B. *Dairy.* We have milked an average of 57 cows during the year which have produced an average of 12,943 lbs. of milk with a butter fat of 3.8%. The total milk production for the year was 718,614 pounds valued at \$33,415.56. The total cost of operating the dairy was \$23,283.84 with a profit at the assigned milk price of \$.0465 per pound, was \$10,131.72. In addition to milk there has been a return of \$3,273.36 from beef, hides, veal, etc. The herd has again been free from tuberculosis having passed the Federal and State tests for four years. The removal and slaughter of aborting cows presented a troublesome problem two

years ago. It was reduced last year to two cases and this year to one. This may or may not have been a true case of abortion. Last year mammitis among the cows was prevalent. Immediate removal and slaughter was practised. This year there have been no serious cases of mammitis. An outbreak of hemorrhagic septicaemia occurred in the young stock in pasture although they were supposedly immunized a month previous to going to pasture. Eight heifers died and forty-four were re-immunized which controlled the outbreak.

Toward the close of the year we purchased four pure bred heifers, dams of each of which have produced 23,000 pounds of milk per year or better. We also purchased a registered bull seven months of age whose dam three times held the world record for yearly milk production in class B.

C. *Swine*. We began the year with 259 pigs of all ages with an inventory value of \$5,086. At the close of the year we have 282 pigs of all ages with an inventory value of \$4,703.50 causing a reduction in inventory value of \$382.50. During the year 205 hogs were killed for pork amounting to 45,167 pounds. The total cost of operating the piggery was \$6,849.61. The returns from pork produced and by-products was \$7,405.05. There was a profit of \$555.54, with a loss in inventory of \$382.50. The final net profit for the year was \$173.04. We have been free from hemorrhagic septicaemia and hog cholera this year, consequently the mortality of small pigs was low compared with previous years. The greatest loss has been from large litters with weak pigs. In the closing month of 1929 we purchased four pure bred duroc sows and two registered duroc boars from which better type pigs are to be expected in the future.

D. *Poultry*. At the beginning of the year we had 783 hens and at the end of the year 865. This year as in previous years 2,000 day-old chicks were purchased in the early spring. There were 9,145 dozen eggs produced and 5,466½ pounds of fowl, broilers, and chickens for table use. In addition 156 pounds of geese, and 90 pounds of duck. The total gain for the year including inventory was \$3,158.58.

E. *Orchards*. Seventy-five apple trees were set out continuing the planting program begun in 1925. We harvested 125 barrels of apples and made 58 barrels of cider for vinegar.

F. *Miscellaneous activities*. Last winter there were cut and sawed 60,600 feet of lumber and 445 cords of fire wood, 2,400 tons of ice harvested, 2,000 tons of rock removed from fields, crushed and used in road building construction. Continuing reforestation, we set out 7,500 white pine and 7,500 spruce seedlings. There were 1,450 cubic yards of new road constructed and 9,640 square yards of old road repaired.

RECOMMENDATIONS FOR CURRENT EXPENSES FOR 1931

Personal services	\$260,460.00
Religious instruction	1,900.00
Travel, transportation and office expenses	5,500.00
Food	71,500.00
Clothing and materials	19,000.00
Medical and general care	25,500.00
Heat, light and power	37,200.00
Farm	36,000.00
Garage, stable and grounds	6,347.73
Repairs ordinary	16,000.00
Repairs and renewals	11,000.00
Total	\$512,307.73

The \$11,000 requested for repairs and renewals not recurring annually in detail is as follows:

Re-building one half mile of road, \$1,400. The main road and approach to the office in the receiving group is now a gravel road and is unsatisfactory and difficult to maintain. It is planned to build an asphalt road.

Mesh grills, \$1,370.00. These are to encircle the fire escapes on the Men's and Women's Infirmarys. There is danger now of patients jumping over the rail.

Roofing-gray asbestos, \$1,500.00. This is to continue the replacing of wood shingles by asbestos shingles.

Drying tumbler, \$3,555.00. This is to replace a drying tumbler which has come to the need of repairs that would cost nearly as much as a new tumbler dryer.

Extension of fire alarm system, \$1,500.00. This is for the addition of signal boxes at various buildings to extend the system installed in 1930.

Machine shop repairs. \$440.00. The purchase of an oxy-acetyline welding and cutting outfit and the purchase of an electric hammer.

Changes-Belcher Cottage Barn. \$700.00. It is planned to move horses from the dairy barns and to rebuild the part occupied by horses for cows.

Repairs to coal trestle and sidetrack \$535.00. This estimate is based upon a list of repairs now required by the Boston and Maine Railroad.

SPECIAL APPROPRIATIONS REQUESTED

Re-location of Power House. Considering both the needs at the power house and the question of delivery of coal, it is assumed that there will be a re-location of the power house with a new building, new equipment, chimney and coal storage. We now have two boilers dated 1903, two dated 1905 and with the addition of new buildings all four boilers will be in operation the coming winter leaving no spare boiler. Serious trouble may result if anything should happen to any one boiler; but even if this were done, it does not care for the delivery of coal which subject has been discussed for the past several years.

Employees' Cottage. This cottage will be similar to if not identical with the cottages now occupied. Appropriation requested is \$14,000. Of this \$12,000 is to be used for building including subway connections and \$2,000 for furnishings.

Alterations of Monadnock and Watatic Cottages. These cottages are now occupied by parole men but so close to the present treatment building for women that this is not desirable. It is proposed to make interior alterations of these buildings to house special employees. The work would be done by our own labor.

Sewage disposal. Provides for filter beds to care for the Westminster Cottages and filter beds for a group of cottages of which the Highland Cottage is approximately the central cottage. An appropriation of \$1,900 was granted under renewals for 1930 for the construction of filter beds at the Westminster Cottages and \$1,000 appropriated for beginning work on filter beds at the Highland Cottage group. Neither of these amounts is sufficient to do more than purchase certain material this year. The estimates show that an appropriation of \$2,000 should be made for the Westminster Cottage Group development and \$9,251 for the Belcher to Hillcrest Group development.

Purchase of seventeen acres of land. Along the highway on the road from the office to Gardner and adjacent to our land is a tract of seventeen acres which I believe should be purchased. Not that we need more land, but for the protection of the colony for the future. I believe that the colony should be protected from encroachment so that we may enjoy the many advantages coincident with complete isolation from the city.

Reception Building for fifty patients. This building would provide for the reception of patients coming direct from their homes. At the present time they are of necessity admitted to buildings housing many patients and find themselves in an environment which is altogether strange, rather alarming and not conducive to peace of mind and prospect of early recovery. The general effect upon relatives and the attitude of the public at large would be very much improved by receiving patients in a building of this type. Such a building would also be a center for out patient activities which are constantly increasing. It would give a most suitable opportunity for consideration of and short periods of treatment to that class of patients who are becoming more and more willing to seek hospital care early but who cannot be expected to enter crowded buildings where they find themselves mixed at once with all kinds of mental cases.

Hay storage. The need is evident at present for a plan of development which will provide for additional tie-ups for cows, a hay barn, milking unit, a horse barn, manure pit, a hospital unit for cows, provision for tools, implements, etc.

The immediate need for 1931 would seem to be a barn for additional hay and grain storage.

Colony group for thirty-five patients. It is suggested that a colony be constructed to care for thirty-five patients and five employees. It has been a number of years since a colony group has been added. At this time there is urgent need of a colony near a large tract of land that can be fairly readily cleared up and turned into excellent farm land. Such a colony would care for the type of patients able to clear land and till it at a lesser cost than in our more expensive buildings.

Superintendent's house. This has been recommended annually since the beginning of the colony and is thought highly desirable.

CONCLUSION

Many friends of the Colony have donated books, magazines, and special articles for the Occupational Therapy Department during the year. I would be remiss if I did not take this opportunity to express in behalf of the patients our thanks.

I would also express my appreciation for the faithful and loyal support given me by the officers and employees of the Colony which has been most marked and fully appreciated.

I am indebted to each and every member of the Board of Trustees for their unfailing support, cooperation and assistance.

Respectfully submitted,

CHARLES E. THOMPSON,

Superintendent.

FINANCIAL REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1930.

CASH ACCOUNT Receipts

<i>Income</i>		
Board of patients	\$40,287.11	
		\$40,287.11
Personal services:		
Reimbursement from Board of Retirement		167.49
Sales:		
Travel, transportation and office expenses	\$ 48.03	
Food, Board of Employees	2,557.19	
Clothing and materials	292.57	
Furnishings and household supplies	13.80	
Medical and general care	3.07	
Farm:		
Hares	3.00	
Hides	59.33	
Garage, stable and grounds	8.10	
Repairs, ordinary	143.90	
Arts and Crafts Sales	1,080.70	
Total sales		\$4,209.69
Miscellaneous:		
Interest on bank balances	\$751.97	
Rent	714.82	
		1,466.79
Total income		\$46,131.08

MAINTENANCE

Balance from previous year, brought forward	\$8,886.27
Appropriations, current year	465,600.00
Total	\$474,486.27
Expenses (as analyzed below)	442,691.63
Balance reverting to Treasury of Commonwealth	\$31,794.64

Analysis of Expenses

Personal services	\$214,224.41
Religious instruction	1,290.50
Travel, transportation and office expenses	4,333.85
Food	57,167.42
Clothing and materials	16,202.01
Furnishings and household supplies	19,731.99
Medical and general care	22,809.80
Heat, light and power	38,699.84

Farm		34,679.58
Garage, stable and grounds		5,557.60
Repairs, ordinary		16,989.57
Repairs and renewals		11,005.06
Total expenses for maintenance		\$442,691.63
SPECIAL APPROPRIATIONS		
Balance December 1, 1929		\$119,583.28
Appropriations for current year		197,000.00
Total		\$316,583.28
Expended during the year (see statement below)	\$205,944.70	
Reverting to Treasury of Commonwealth	10,586.18	
		216,530.88
Balance November 30, 1930, carried to next year		\$100,052.40

OBJECT	Act or Resolve	Whole Amount	Expended During Fiscal Year	Total Expended to Date	Balance at End of Year
*Additional Filter Beds	138-1927	\$15,000.00	—	\$14,985.48	\$14.52
	127-1928				
*Officers' Cottages	127-1928	10,000.00	—	9,994.35	5.65
*Coal Trestle and Side Track	127-1928	10,700.00	—	173.99	10,526.01
*Rep. Road, Westminster	127-1928	1,000.00	—	968.10	31.90
*Dairy Building Purposes	146-1929	3,000.00	—	2,991.90	8.10
Additional Water Supply	126-1924	42,000.00	—	36,911.86	5,088.14
	398-1926				
Building for Semi-Dist. Men	146-1929	150,000.00	\$103,657.22	149,748.26	251.74
Building for Printing	115-1930	10,000.00	613.20	613.20	9,386.80
Employees' Cottage	115-1930	12,000.00	9,990.02	9,990.02	2,009.98
Two Cottages for Officers	115-1930	10,000.00	8,496.47	8,496.47	1,503.53
Hospital Building	115-1930	150,000.00	81,572.00	81,572.00	68,428.00
Fire Alarm System	115-1930	5,000.00	1,615.79	1,615.79	3,384.21
Cow Barn	115-1930	10,000.00	—	—	10,000.00
		\$428,700.00	\$205,944.70	\$318,061.42	\$110,638.58

Balance reverting to Treasury of the Commonwealth during year (mark item with *)	\$10,586.18
Balance carried to next year	\$100,052.40
Total as above	100,052.40

PER CAPITA

During the year the average number of inmates has been 1,209.945
 Total cost of maintenance, \$442,691.63
 Equal to a weekly per capita cost of \$7.0361
 Receipt from sales, \$4,209.69
 Equal to a weekly per capita of \$.0669
 All other institution receipts, \$41,921.39
 Equal to a weekly per capita of \$.6664
 Net weekly per capita \$6.3028

Respectfully submitted,
 GERTRUDE W. PERRY,
 Treasurer.

VALUATION

NOVEMBER 30, 1930
 REAL ESTATE

Land, 1,856 acres	\$41,125.00
Buildings	1,283,927.86
	\$1,325,052.86

PERSONAL PROPERTY

Travel, transportation and office expenses	\$300.00
Food	28,544.88
Clothing and materials	16,915.79
Furnishings and household supplies	201,788.42
Medical and general care	5,055.85
Heat, light and power	11,834.58
Farm	59,361.67
Garage, stables and grounds	12,531.34
Repairs	15,880.50
	\$352,213.03

SUMMARY

Real estate	\$1,325,052.86
Personal property	352,213.03
	\$1,677,265.89

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE
MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

Data correct at end of hospital year, November 30, 1930

1. Date of opening as a hospital for mental diseases: October 22, 1902.

2. Type of hospital: State.

3. Hospital plant — Value of hospital property:

Real estate, including buildings	\$1,325,052. 86
Personal property	352,213. 03

Total

Total acreage of hospital property owned, 1,856.	\$1,677,265. 89
--	-----------------

Total acreage under cultivation during previous year, 322.25.

4. Officers and Employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	—	1	—	—	—
Assistant physicians	4	1	5	—	—	—
Clinical assistants	—	—	—	1	—	1
Total physicians	5	1	6	1	—	1
Stewards	1	—	1	—	—	—
Resident dentists	1	—	1	—	—	—
Pharmacists	1	—	1	—	—	—
Graduate nurses	—	7	7	—	—	—
Other nurses and attendants	60	59	119	2	2	4
Occupational Therapists	—	5	5	—	—	—
Social workers	—	1	1	—	—	—
All other officers and employees	52	39	91	1	4	5
Total officers and employees	120	112	232	4	6	10

NOTE:—The following items, 5-10 inclusive, are for the year ended September 30, 1930.

5. Census of patient population at end of year:

	Actually in Hospital			Absent from Hospital but Still on Books		
	M.	F.	T.	M.	F.	T.
White						
Insane	640	459	1,099	34	76	110
Epileptics	—	—	—	—	1	1
Mental defectives	36	20	56	4	7	11
All other cases	3	3	6	2	—	2
Total	679	482	1,161	40	84	124
Other races:						
Insane	18	10	28	—	—	—
Mental defectives	1	—	1	—	—	—
Total	19	10	29	—	—	—
Grand Total	698	492	1,190	40	84	124

	Males	Females	Total
6. Patients under treatment in occupational-therapy classes, including physical training, on date of report	24	123	147
7. Other patients employed in general work of hospital on date of report	541	365	906
8. Average daily number of all patients actually in hospital during year	674.086	472.646	1,146.732
9. Voluntary patients admitted during year	6	6	12
10. Persons given advice or treatment in out-patient clinics during year	148	82	230

TABLE 2. *Financial Statement*

See treasurer's report for data requested under this table.

NOTE:—The following tables 3-19, inclusive, are for the Statistical year ended September 30, 1930.

TABLE 3. *Movement of Patient Population*

	REGULAR COURT COMMITMENT (INSANE)			VOLUNTARY			TEMPORARY CARE			OBSERVATION			TOTAL ON BOOKS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on book of Institution September 30, 1929 .	688	542	1,230	2	1	3	—	—	—	691	543	1,234			
Admissions during year:															
First admissions	21	31	52	4	3	7	10	2	12	41	37	78			
Readmissions	5	8	13	2	3	5	2	—	2	9	11	20			
Transfers from other hospitals for mental diseases	66	33	99	—	—	—	—	—	—	66	33	99			
Total received during year	92	72	164	6	6	12	12	2	14	116	81	197			
Total on books during year	780	614	1,394	8	7	15	12	2	14	807	624	1,431			
Discharged from books during year															
As recovered	2	10	12	—	1	1	7	—	7	10	11	21			
As improved	5	10	15	2	1	3	2	—	2	10	11	21			
As unimproved	—	6	6	2	—	2	1	1	2	4	7	11			
As without psychosis	—	—	—	3	2	5	2	2	2	8	3	11			
Transferred to other hospitals for mental diseases	5	1	6	—	—	—	—	—	—	5	1	6			
Died during year	31	15	46	—	—	—	—	—	—	32	15	47			
Total discharged, transferred and died during year	43	42	85	7	4	11	12	1	13	69	48	117			
Insane patients remaining on books of hospital at end of hospital year															
In hospital	697	488	1,185	1	3	4	—	1	1	698	492	1,190			
On parole or otherwise absent	40	84	124	—	—	—	—	—	—	40	84	124			
Total	737	572	1,309	1	3	4	—	1	1	738	576	1,314			

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States	14	18	32	8	8 [*]	7	11	10	9
Canada ¹	1	3	4	1	2	1	7	6	6
England	1	—	1	1	1	1	1	2	1
Finland	3	6	9	3	3	3	6	6	6
Germany	—	—	—	1	—	—	—	—	—
Ireland	1	3	4	5	5	5	3	4	3
Poland	1	—	1	1	1	1	—	—	—
Scotland	—	—	—	—	—	—	1	—	—
Other countries	—	1	1	—	—	—	1	1	1
Unascertained	—	—	—	1	1	1	1	2	1
Total	21	31	52	21	21	19	31	31	27

¹Includes Newfoundland

TABLE 4-A. *Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born.*

AGE GROUPS	Aggregate	NATIVE BORN				FOREIGN BORN				
		Total	PERCENTAGE			Total	TIME IN UNITED STATES BEFORE ADMISSION			
		M. F. T.	Native	Foreign	Mixed	Unascertained	Under 5 years	5-9 years	10-14 years	15 years and over
Under 15 years	M. F] T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.
15-19 years	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1
20-24 years	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1
25-29 years	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1
30-34 years	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1
35-39 years	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1
40-44 years	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1
45-49 years	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1
50-54 years	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1
55-59 years	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1
60-64 years	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1
65-69 years	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1
70 years and over	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1	- 1 1
Total	21 31 52	14 18 32	7 9 16	4 4 8	2 4 6	1 1 2	7 13 20	- - -	- - -	7 13 20

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	14	18	32
Citizens by naturalization	2	3	5
Aliens	4	7	11
Citizenship unascertained	1	3	4
Total	21	31	52

TABLE 6. *Psychoses of First Admissions*

PSYCHOSES	M	F	T	M	F	T
1. Traumatic psychoses	—	—	—	—	—	—
2. Senile psychoses	—	—	—	4	4	8
3. Psychoses with cerebral arteriosclerosis	—	—	—	6	7	13
4. General paralysis	—	—	—	1	—	1
5. Psychoses with cerebral syphilis	—	—	—	—	—	—
6. Psychoses with Huntington's chorea	—	—	—	—	—	—
7. Psychoses with brain tumor	—	—	—	—	—	—
8. Psychoses with other brain or nervous diseases, total*	1	1	2	1	1	2
Cerebral embolism	1	—	1	—	—	—
Paralysis agitans	—	1	1	—	—	—
9. Alcoholic psychoses, total	1	—	1	1	—	1
Acute hallucinosis	1	—	1	—	—	—
10. Psychoses due to drugs and other exogenous toxins, total	—	—	—	—	—	—
11. Psychoses with pelagra	—	—	—	—	—	—
12. Psychoses with other somatic diseases, total	1	3	4	1	3	4
Exhaustion delirium	—	1	1	—	—	—
Diseases of the ductless glands	—	1	1	—	—	—
Other diseases or conditions	1	1	2	—	—	—
13. Manic-depressive psychoses, total	—	3	3	—	3	3
Manic type	—	3	3	—	—	—
14. Involution melancholia	—	—	—	—	2	2
15. Dementia praecox (schizophrenia)	—	—	—	5	3	8
16. Paranoia and paranoid conditions	—	—	—	—	1	1
17. Epileptic psychoses	—	—	—	—	—	—
18. Psychoneuroses and neuroses, total	—	1	1	—	1	1
Psychasthenic type (anxiety and obsessive forms)	—	1	1	—	—	—
19. Psychoses with psychopathic personality	—	—	—	1	—	1
20. Psychoses with mental deficiency	—	5	5	—	5	5
21. Undiagnosed psychoses	—	1	1	—	1	1
22. Without psychosis, total	1	—	1	1	—	1
Psychopathic personality without psychosis	1	—	1	—	—	—
Total	21	31	52	21	31	52

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	Total			Senile			With cerebral arterio-sclerosis			General paralysis			With other brain or nervous diseases		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
English	4	4	8	—	—	—	3	1	4	1	—	1	—	—	—
Finnish	3	6	9	—	—	—	1	—	1	—	—	—	—	1	1
French	1	4	5	1	1	2	—	1	1	—	—	—	—	—	—
German	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
Irish	6	3	9	2	1	3	1	2	3	—	—	—	1	—	1
Slavonic ¹	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
Spanish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	4	10	14	1	2	3	1	1	2	—	—	—	—	—	—
Race unascertained	1	2	3	—	—	—	—	2	2	—	—	—	—	—	—
Total	21	31	52	4	4	8	6	7	13	1	—	1	1	1	2

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	Alcoholic			With other somatic diseases			Manic-depressive			Involution melancholia			Dementia præcox		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
English	—	+	—	—	1	1	—	—	—	—	1	1	—	1	1
Finnish	1	—	1	—	—	—	—	1	1	—	—	—	—	2	2
French	—	+	—	—	1	1	—	—	—	—	—	—	—	—	—
German	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	—	+	—	—	—	—	—	—	—	—	—	—	2	—	2
Slavonic ¹	—	—	—	—	—	—	—	—	—	—	1	1	1	—	1
Spanish	—	+	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	—	—	—	—	1	1	—	2	2	—	—	—	2	—	2
Race unascertained	—	+	—	—	1	1	—	—	—	—	—	—	—	—	—
Total	1	—	1	1	3	4	—	3	3	—	2	2	5	3	8

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

RACE	Paranoia and paranoid conditions			Psychoneuroses and neuroses			With psychopathic personality			With mental deficiency			Undiagnosed psychoses			Without psychosis		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
English	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Finnish	—	—	—	—	—	—	—	—	—	2	2	—	—	—	—	1	—	1
French	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—
German	—	—	—	—	—	—	1	—	1	—	1	—	—	—	—	—	—	—
Irish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic ¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Spanish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	—	1	1	—	1	1	—	—	—	1	1	—	1	1	—	—	—	—
Race unascertained	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	1	1	—	1	1	1	—	1	—	5	5	—	1	1	1	—	1

¹Includes Bohemian, Bosnian, Croatian, Delmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES	Total			Under 15 years			15-19 years			20-24 years		
	M	F	T	M	F	T	M	F	T	M	F	T
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	4	4	8	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	6	7	13	—	—	—	—	—	—	—	—	—
4. General paralysis	1	—	1	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	1	2	—	—	—	—	—	—	—	—	—
9. Alcoholic	1	—	1	—	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	3	4	—	—	—	—	—	—	—	—	—
13. Manic-depressive	—	3	3	—	—	—	—	1	1	—	—	—
14. Involution melancholia	—	2	2	—	—	—	—	—	—	—	—	—
15. Dementia præcox	5	3	8	—	—	—	1	—	1	1	—	1
16. Paranoia and paranoid conditions	—	1	1	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	1	1	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	1	—	1	—	—	—	—	—	—	—	—	—
20. With mental deficiency	—	5	5	—	1	1	—	—	—	—	—	—
21. Undiagnosed psychoses	—	1	1	—	—	—	—	—	—	—	—	—
22. Without psychosis	1	—	1	—	—	—	—	—	—	—	—	—
Total	21	31	52	—	1	1	1	1	2	1	—	1

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Continued*

PSYCHOSES	25-29 years			30-34 years			35-39 years			40-44 years			45-49 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. General paralysis	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
9. Alcoholic	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
13. Manic-depressive	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-
14. Involution melancholia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15. Dementia praecox	1	-	1	1	1	2	1	1	2	-	-	-	-	1	1
16. Paranoia and paranoid conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
19. With psychopathic personality	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
20. With mental deficiency	-	-	-	-	-	-	-	2	2	-	2	2	-	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
22. Without psychosis	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Total	1	1	2	1	1	2	4	4	8	-	4	4	1	3	4

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded*

PSYCHOSES	50-54 years			55-59 years			60-64 years			65-69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	-	-	-	-	1	1	1	-	1	1	-	1	2	3	5
3. With cerebral arteriosclerosis	1	-	1	-	-	-	-	2	2	-	1	1	5	4	9
4. General paralysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
9. Alcoholic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	-	-	-	-	-	-	2	2	-	-	-	1	-	1
13. Manic-depressive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14. Involution melancholia	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-
15. Dementia praecox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16. Paranoia and paranoid conditions	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	2	3	-	2	2	1	4	5	1	1	2	9	7	16

TABLE 9. Degree of Education of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES													Total			Illiterate			Reads and writes ¹			Common School			High School			Unascertained					
													M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
1.	Traumatic	.	.	.	.	.	.	.	.	.	.	.	4	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.	Senile	.	.	.	.	.	.	.	.	.	.	.	6	7	13	-	1	1	-	1	1	-	1	5	-	1	-	1	-	-	-	-	-
3.	With cerebral arteriosclerosis	.	.	.	.	.	.	.	.	.	.	.	4	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.	General paralysis	.	.	.	.	.	.	.	.	.	.	.	4	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.	With cerebral syphilis	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.	With Huntington's chorea	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.	With brain tumor	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.	With other brain or nervous diseases	.	.	.	.	.	.	.	.	.	.	.	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.	Alcoholic	.	.	.	.	.	.	.	.	.	.	.	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.	Due to drugs and other exogenous toxins	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.	With pellagra	.	.	.	.	.	.	.	.	.	.	.	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.	With other somatic diseases	.	.	.	.	.	.	.	.	.	.	.	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.	Manic-depressive	.	.	.	.	.	.	.	.	.	.	.	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.	Involution melancholia	.	.	.	.	.	.	.	.	.	.	.	5	3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15.	Dementia praecox	.	.	.	.	.	.	.	.	.	.	.	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16.	Paranoia and paranoid conditions	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.	Epileptic psychoses	.	.	.	.	.	.	.	.	.	.	.	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.	Psychoneuroses and neuroses	.	.	.	.	.	.	.	.	.	.	.	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19.	With psychopathic personality	.	.	.	.	.	.	.	.	.	.	.	1	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20.	With mental deficiency	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.	Undiagnosed psychoses	.	.	.	.	.	.	.	.	.	.	.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22.	Without psychosis	.	.	.	.	.	.	.	.	.	.	.	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total													21	31	52	-	1	1	5	5	10	9	20	29	6	5	11	1	-	1			

¹Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Urban			Rural		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	—	—	—	—	—	—	—	—
2. Senile	4	4	8	4	4	8	—	—	—
3. With cerebral arteriosclerosis	6	7	13	4	5	9	2	2	4
4. General paralysis	1	—	1	—	—	—	1	—	1
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	1	2	1	1	2	—	—	—
9. Alcoholic	1	—	1	1	—	1	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	3	4	—	1	1	1	2	3
13. Manic-depressive	—	3	3	—	2	2	—	1	1
14. Involution melancholia	—	2	2	—	1	1	—	1	1
15. Dementia praecox	5	3	8	5	3	8	—	—	—
16. Paranoia and paranoid conditions	—	1	1	—	1	1	—	—	—
17. Epileptic psychoses	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	1	1	—	1	1	—	—	—
19. With psychopathic personality	1	—	1	—	—	—	1	—	1
20. With mental deficiency	—	5	5	—	5	5	—	—	—
21. Undiagnosed psychoses	—	1	1	—	—	—	—	1	1
22. Without psychosis	1	—	1	1	—	1	—	—	—
Total	21	31	52	16	24	40	5	7	12

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Comfortable		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	4	4	8	1	1	2	3	1	4	—	2	2
3. With cerebral arteriosclerosis	6	7	13	2	2	4	2	1	3	2	4	6
4. General paralysis	1	—	1	—	—	—	1	—	1	—	—	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	1	2	—	—	—	—	1	1	1	—	1
9. Alcoholic	1	—	1	—	—	—	—	—	—	1	—	1
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	3	4	1	—	1	—	3	3	—	—	—
13. Manic-depressive	—	3	3	—	—	—	—	3	3	—	—	—
14. Involution melancholia	—	2	2	—	—	—	—	1	1	—	1	1
15. Dementia praecox	5	3	8	1	—	1	2	3	5	2	—	2
16. Paranoia and paranoid conditions	—	1	1	—	—	—	—	—	—	—	1	1
17. Epileptic psychoses	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	1	1	—	—	—	—	—	—	—	1	1
19. With psychopathic personality	1	—	1	—	—	—	1	—	1	—	—	—
20. With mental deficiency	—	5	5	—	1	1	—	4	4	—	—	—
21. Undiagnosed psychoses	—	1	1	—	—	—	—	—	—	—	1	1
22. Without psychosis	1	—	1	—	—	—	1	—	1	—	—	—
Total	21	31	52	5	4	9	10	17	27	6	10	16

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	4	4	8	1	4	5	3	—	3	—	—	—	—	—	—
3. With cerebral arteriosclerosis	6	7	13	4	6	10	2	1	3	—	—	—	—	—	—
4. General paralysis	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	I
8. With other brain or nervous diseases	1	1	2	1	1	2	—	—	—	—	—	—	—	—	—
9. Alcoholic	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	3	4	—	3	3	—	—	—	—	—	—	1	—	1
13. Manic-depressive	—	3	3	—	3	3	—	—	—	—	—	—	—	—	—
14. Involution melancholia	—	2	2	—	2	2	—	—	—	—	—	—	—	—	—
15. Dementia praecox	5	3	8	4	3	7	—	—	—	1	—	1	—	—	—
16. Paranoia and paranoid conditions	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
20. With mental deficiency	—	5	5	—	5	5	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
22. Without psychosis	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
Total	21	31	52	12	30	42	6	1	7	2	—	2	1	—	1

TABLE 13. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Single			Married			Widowed			Divorced		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	4	4	8	1	—	1	1	—	1	2	4	6	—	—	—
3. With cerebral arteriosclerosis	6	7	13	1	1	2	3	3	6	2	3	5	—	—	—
4. General paralysis	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	1	2	—	—	—	—	1	1	—	—	—	1	—	1
9. Alcoholic	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	3	4	—	—	—	2	2	—	1	1	2	—	—	—
13. Manic-depressive	—	3	3	—	1	1	—	2	2	—	—	—	—	—	—
14. Involution melancholia	—	2	2	—	—	—	2	2	—	—	—	—	—	—	—
15. Dementia praecox	5	3	8	5	1	6	—	2	2	—	—	—	—	—	—
16. Paranoia and paranoid conditions	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
17. Epileptic psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
19. With psychopathic personality	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
20. With mental deficiency	—	5	5	—	2	2	—	3	3	—	—	—	—	—	—
21. Undiagnosed psychoses	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
22. Without psychosis	1	—	1	—	—	—	—	—	—	—	—	—	1	—	1
Total	21	31	52	10	5	15	4	18	22	5	8	13	2	—	2

TABLE 14. *Psychoses of Readmissions*

PSYCHOSES	Males	Females	Total
1. Traumatic psychoses	—	—	—
2. Senile psychoses	—	—	—
3. Psychoses with cerebral arteriosclerosis	—	—	—
4. General paralysis	—	—	—
5. Psychoses with cerebral syphilis	—	—	—
6. Psychoses with Huntington's chorea	—	—	—
7. Psychoses with brain tumor	—	—	—
8. Psychoses with other brain or nervous diseases	—	—	—
9. Alcoholic psychoses	1	—	1
10. Psychoses due to drugs and other exogenous toxins	—	—	—
11. Psychoses with pellagra	—	—	—
12. Psychoses with other somatic diseases	—	1	1
13. Manic-depressive psychoses	2	4	6
14. Involution melancholia	—	1	1
15. Dementia praecox	1	2	3
16. Paranoia and paranoid conditions	—	—	—
17. Epileptic psychoses	—	—	—
18. Psychoneuroses and neuroses	—	—	—
19. Psychoses with psychopathic personality	—	—	—
20. Psychoses with mental deficiency	1	—	1
21. Undiagnosed psychoses	—	—	—
22. Without psychosis	—	—	—
Total	5	8	13

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	—	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	1	2	3	—	—	—	1	1	2	—	1	1
4. General paralysis	—	—	—	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	—	—	—	—	—	—	—	—	—	—	—	—
9. Alcoholic	1	1	2	—	1	1	1	—	1	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	—	2	2	—	1	1	—	—	—	—	1	1
13. Manic-depressive	2	10	12	2	7	9	—	2	2	—	1	1
14. Involution melancholia	—	—	—	—	—	—	—	—	—	—	—	—
15. Dementia praecox	3	6	9	—	—	—	3	4	7	—	2	2
16. Paranoia and paranoid conditions	—	2	2	—	—	—	—	2	2	—	—	—
17. Epileptic psychoses	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	3	3	—	1	1	—	1	1	—	1	1
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	—	—	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—
Total	7	26	33	2	10	12	5	10	15	—	6	6

TABLE 16. Causes of Death of Patients Classified with Reference to Principal Psychoses

CAUSES OF DEATH	Total			Senile	With cerebral arterio-sclerosis	General paralysis	Alcoholic	Manic-depressive	Dementia praecox	All other psychoses								
	M.	F.	T.															
<i>Epidemic, Endemic and Infectious Diseases</i>																		
Tuberculosis of the respiratory system	2	1	3	-	-	-	-	-	2	1	3	-	-	-				
Purulent infection septicaemia	1	-	1	-	-	-	1	-	-	-	-	-	-	-				
<i>General Diseases not Included in Class I</i>																		
Cancer and other malignant tumors	1	1	2	-	-	-	-	-	1	1	2	-	-	-				
Other general diseases	1	-	1	-	-	-	-	-	1	-	1	-	-	-				
<i>Diseases of the Nervous System</i>																		
Cerebral hemorrhage, apoplexy	5	1	6	1	-	1	-	1	2	1	3	-	-	-				
<i>Diseases of the Circulatory System</i>																		
Endocarditis and myocarditis	14	9	23	2	2	4	2	1	3	1	-	1	2	2				
Arteriosclerosis	2	1	3	1	-	1	-	1	1	-	-	1	-	-				
Other diseases of the circulatory system	1	-	1	-	-	-	1	-	-	-	-	-	-	-				
<i>Diseases of the Respiratory System</i>																		
Bronchopneumonia	3	-	3	-	-	-	-	-	1	-	1	1	-	1				
<i>Diseases of the Digestive System</i>																		
Hernia and intestinal obstruction	1	-	1	-	-	-	-	-	-	1	-	1	-	-				
Cirrhosis of liver	-	1	1	-	-	-	-	-	-	-	-	-	1	1				
<i>External Causes</i>																		
Other external causes	-	1	1	-	-	-	-	-	-	-	1	1	-	-				
Total	31	15	46	4	2	6	4	2	6	3	1	4	15	7	22	3	1	4

¹Includes group 22, "without psychosis"

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses

PSYCHOSES	Total			20-24 years			25-29 years			30-34 years			35-39 years			40-44 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	4	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis	4	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. General paralysis	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	2	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
9. Alcoholic	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Manic-depressive	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14. Involution melancholia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15. Dementia praecox	15	7	22	-	-	-	1	-	1	-	-	-	1	-	1	1	2	3
16. Paranoia and paranoid conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	1	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Total	31	15	46	1	-	1	1	-	1	-	-	-	1	1	2	2	2	4

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses — Concluded

PSYCHOSES	45-49 years			50-54 years			55-59 years			60-64 years			65-69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	6
3. With cerebral arteriosclerosis	-	-	-	1	-	1	-	-	-	-	-	-	1	1	-	3	1	4
4. General paralysis	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
9. Alcoholic	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	1	1	2
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
13. Manic-depressive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
14. Involution melancholia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15. Dementia praecox	2	-	2	1	1	2	4	-	4	1	2	3	2	-	2	2	2	4
16. Paranoia and paranoid conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	-	2	3	1	4	4	-	4	3	2	5	2	1	3	12	8	20

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses — Concluded*

PSYCHOSES		5-6 years		7-8 years		9-10 years		11-12 years		13-14 years		15-19 years		20 years and over			
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1.	Traumatic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2.	Senile	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	
3.	With cerebral arteriosclerosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4.	General paralysis	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	
5.	With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
6.	With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
7.	With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8.	With other brain or nervous diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
9.	Alcoholic	—	—	—	—	—	—	—	—	—	—	1	1	1	—	1	
10.	Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11.	With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12.	With other somatic diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13.	Manic-depressive	—	—	—	—	—	—	—	—	—	—	1	1	—	1	1	
14.	Involution melancholia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
15.	Dementia praecox	—	—	—	1	—	1	—	4	—	—	1	1	9	5	14	
16.	Paranoia and paranoid conditions	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
17.	Epileptic psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18.	Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19.	With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
20.	With mental deficiency	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
21.	Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
22.	Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total		2	—	2	1	—	1	—	—	4	—	—	3	3	10	6	16

TABLE 19. *Family Care Department*

	Male	Female	Total
Remaining in Family Care, October 1, 1929	12	50	62
On visit from Family Care, October 1, 1929	—	—	—
Admitted during the year	3	39	42
Whole number of cases within the year	15	89	104
Dismissed within the year:			
Returned to institution	5	32	37
Discharged (died)	—	—	—
On visit	1	—	1
Remaining in Family Care, September 30, 1930	9	57	66
Supported by State	8	55	63
Private	—	—	—
Self-supporting	1	2	3
Number of different persons within the year	6	35	41
Number of different persons dismissed	3	30	33
Number of different persons admitted	5	26	31
Average daily number in Family Care during the year:			
Supported by State	8.779	48.778	57.557
Private	—	—	—
Self-supporting	1.766	2.447	4.212